



Certificate under 37 CFR 1.10 of Mailing by "Express Mail"

EJ 676543428US

"Express Mail" label number

April 10, 2002

Date of Deposit

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Shalom W.

Signature of person mailing correspondence

Shalom Wertsberger Reg. No. 43,359

Typed or printed name of person mailing correspondence

Docket: 0144US-Locus

Application #: 10/001,855

Inventor: HEINONEN

Filed on: November 19, 2001

Title: Location method for mobile networks

RECEIVED

APR 16 2002

Technology Center 2600

This correspondence contains:

2 pages IDS
1 page PTO-1449
copies of all cited documents

return receipt postcard in accordance with MPEP 503

Check No. _____ or credit card charge authorization for _____

04-11-02

268/
#3
BT
4-16-02



In the United States Patent and Trademark Office

| | |
|---|----------------------|
| The application of: Heinonen et al. | |
| For: Location Method for Medical Networks | |
| Serial No./Confirm.: 10/001,855 ~3771 | Group: 2681 |
| Filed on: Nov. 19, 2001 | Examiner: |
| Correspondence Date Feb. 4, 2002 | Docket: 0144US-Locus |

Information Disclosure Statement

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted pursuant with 37 CFR §1.97, 1.98. It is requested that the information disclosed herein be made of record in this application. It is further requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other applications cross referencing, relying on the priority of, or otherwise related to the above-identified application.

This IDS is submitted under 37 CFR 1.97(b). Our understanding is that no fee is due in connection with this submission. If this understanding is incorrect, please charge any fee, or credit any overpaid amount, to Deposit Account No. 501392.

In accordance with 37 CFR § 1.98, this IDS includes a list (e.g. form PTO-1449, or equivalent), together with copies, of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment thereto.

In accordance with 37 CFR §1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that the information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), nor should it be construed that any information cited herein or in the attached document is (or constitutes) "prior art" for this invention unless specifically otherwise indicated.

RECEIVED
APR 16 2002
Technology Center 2600

No explanation of relevance is necessary for documents in the English language
(see reply to comments 67 and 68 in the preamble of final rules; 1135 OG 13 @ 20).

Applicant submits that the above information, taken alone or in combination,
neither anticipate nor render obvious the present invention. Consideration of the
foregoing in relation to this application is respectfully requested.

Respectfully submitted



Shalom Wertsberger

Reg. Num 43,359
30 Fern Lane
South Portland, ME 04106
Phone: (207) 799-9733
Fax: (207) 228-3694

Agent for Applicant

Please type a plus sign (+) inside this box → **[+]**

PTO/SB/08B (10-96)

Approved for use through 10/31/99 OMB0651-0031

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

She et 1 of 1

Complete if Known

| | |
|------------------------|---------------|
| Application Number | 10/001,855 |
| Filing Date | Nov. 19, 2001 |
| First Named Inventor | HEINONEN |
| Group Art Unit | 2681 |
| Examiner Name | |
| Attorney Docket Number | 0143US-Locus |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|------------------------|
| | AA | Tracking Mobile Phones in Urban Areas, Christer Åkerblom, Thesis work presented in Chalmers University and Göteborg University, in Göteborg, Sweden, September 2000 | |
| | AB | Applying pattern recognition techniques based on hidden Markov models for vehicular position location in cellular networks, Stefan Mangold and Sofoklis Kyriazakos, Paper presented in the 50th IEEE Vehicular Technology Conference on September 2nd, 1999, in Amsterdam, the Netherlands. | |
| | AC | Radar: an in-building RF-Based User Location and Tracking System, Paramvir Bahl and Venkata N. Padmanabhan, Microsoft Research, Microsoft Inc. Redmond WA. March 2000. | |
| | AD | Overview of 2G LCS Technologies and Standards, Motorola Inc., marked as LCS-010019, provided in a 3GPP TSG SA2 LCS Workshop in London, UK 11-12 January 2001 | |
| | AE | Location Tracking of Mobiles in Cellular Radio Networks, Martin Hellebrandt and Rudolf Mathar, IEEE Transactions on vehicular technology, Vol. 48 No. 5, September 1999 | |
| | AF | Database Correlation for GSM Location: Heikki Laitinen, Jaako Lähteenmäki, Tero Nordström, a paper presented at the IEEE Vehicular Technology Conference 2001, 6-9 May, 2001, Rhodes Island, Greece | |
| | AG | Cellular Network Optimisation Based on Mobile Location (CELLO), Jaakko Lähteenmäki, VTT Information Systems, VTT, Helsinki, Finland, January 2001 | |
| | | | RECEIVED |
| | | | APR 16 2002 |
| | | | Technology Center 2600 |
| | | | |
| | | | |

Xaminer
Signature

Date
Considered

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden of Proof Statement This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.